



Work Order (Bid Form)

WORK ORDER INFORMATION

Work Order Name: WO/10010MC-2215/1

Work Order Type: Weatherization

Audit Name: 10010MC-2215

CLIENT INFORMATION

Client Name:

Client ID: 10010MC-2215

Alt. Client ID: Rutherford

Address:

MURFREESBORO, TN 37127

AGENCY INFORMATION

Agency: Mid-Cumberland Community Action Agency

Address: (PO Box 310) 233 Legends Drive
Lebanon, TN 37088

Agency Phone: (615) 742-1113

Fax: (615) 742-3911

Email Address:

Agency Contact: ROBINETTE, A. K.

Work Phone:

Cell Phone: (615) 476-8766

Email Address:

Company Name & License Number: _____

Contractor's Signature: _____

COMMENT

AUDITOR:

A.K. ROBINETTE

615.476.8766

SITE BUILT IN 1968 AS PER TAX RECORDS

TYPE: BRICK

SF:1050

ALL WORK TO COMPLY WITH TWFG.

CONTRACTOR TO FOLLOW APPLICABLE CITY (OR COUNTY) DEPARTMENT OF CODES AND BUILDING SAFETY REQUIREMENTS; 2009 INTERNATIONAL RESIDENTIAL CODE WITH LOCAL AMENDMENT, INCLUDING ISSUANCE OF PERMITS AND INSPECTIONS AND 2009 IECC.

CERTIFIED FIRM/RENOVATOR REQUIRED.

The electric hot water heater has been encapsulated in the kitchen cabinetry and is unavailable for any inspection or detailed information, therefore, no information regarding this heater has been inputted into this audit information field.

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Measures

Measure 1 Infiltration Redctn

Components

Inspected

Comment INFILTRATION REDUCTION

☐

Contractor may consider the following to Reduce air infiltration Air seals are best performed with a Blower Door.

Whole house blower door is 2665 CFM@-50pa and target is 1999 CFM @ -50pa. It is the contractors responsibility that the clients home meets, or is slightly under, the target CFM reduction when the home is tested at post audit inspection. Do not bring home CFM leakage rate below 1652 CFM. Be aware that items listed in attic prep may also reduce home CFM leakage rate to obtain this goal CFM blower door number.

Suggested air sealing work is:

- 1 Seal all plumbing penetrations.
2. Install light switch and receptacle gaskets, including replacement of missing covers
3. Weatherize exterior doors, including caulking, weatherstrip and door sweeps.
4. Liquid white Mastic to be applied to entire inside of return to seal all seams. Seal front of return box where it meets return register with appropriate caulk.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
10	Miscellaneous Su	Infiltration Reduction	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Detail									
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Measure Sub Total:						<input type="text"/>	Sub Total:	<input type="text"/>	

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Comment ATTIC BLOWN CELLULOSE.☐

Insulate approx. 900 SF of Attic with Blown Cellulose. Some areas of attic area currently has more than 6" of insulation and some areas are bare of any insulation. 6" of fiberglass currently present is an average of auditors estimate. Total finished measure insulation value for client's home to be a R-38.

Includes labor cost. Contractor to install 1 ruler for every 300 SF of attic space showing depth of insulation. Build insulation dam around attic access and insulate per TWFG. Insulate attic hatch to R-30 and weatherstrip to seal. Hatch must have locking device. Install baffles and dams to prevent loose fill insulation from entering soffitt and covering vent. Seal all holes, gaps and penetrations in attic before insulating, including boxes/dams and air-sealing for can lights, and exhaust fans and all b-ven tpipe. Seal around chimney with sheet metal and high temperature silicone or fire resistant foam and install dam around chimney. Vent all kitchen and bath fans outdoors with proper fittings. Use rigid galvanized steel. Insulate vent pipe to R8. All pipe must be securely fastened. Contractor to install using Resnet Grade 1 Standards.

Contractor to also:

A. Clients kitchen exhaust fan has been replaced by a ventless microwave/hood combo unit. This has left the original hood vent pipe abandoned but open. Seal old kitchen exhaust fan pipe hole through ceiling as part of this measure.

B. Vent bathfan outside with vent cap approx. 10 LF. Vent pipe should be rigid aluminum or galvanized pipe and routed to outside with proper vent cap. Pipe should be insulated per twfg. Air seal fan at ceiling with heat resistant caulk.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Cellulose, Blown - R-19	SqFt	900	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Attic Insulation - Cellulose, Blown - R-19	SqFt	900	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Miscellaneous Su	Air seal abandoned kitchen hood pipe	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	Miscellaneous Su	Vent bathfan to exterior	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

Measure Sub Total: **Sub Total:**

Field Notes:**Measure 3 Lighting Retrofits****Components** LT1,LT2,LT3**Inspected****Comment**

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Lighting	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Lighting	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	Labor	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	Lighting	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	Labor	Compact Fl. - 13 Watt	Each Lamp	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

Measure Sub Total: **Sub Total:**

Field Notes:

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Comment ATTIC BLOWN CELLULOSE☐

Insulate approx. 150 SF of Attic with Blown Cellulose.

Includes labor cost. Contractor to install 1 ruler for every 300 SF of attic space showing depth of insulation. Install baffles to prevent loose fill insulation from entering soffitt and covering vent. Seal all holes, gaps and penetrations in attic before insulating. Contractor to install using Resnet Grade 1 Standards.

Client attic access is a pull down stairway that is in poor condition and client no longer uses and does not wish to use as a pull down stairway. For the purposes of this audit, this pull down will be treated as a scuttle hole.

The floored area of this attic will be addressed seperatly in this audit so that it may be addressed accordingly; there currently is no insulation under this floored area of the attic and this area MUST be blown as part of this measure. As the client no longer wishes to use this attic as a storage area and does not want or need this floored area, the insulation to be blown under the floored area may and will be extended to include the area above the floored area of the attic. In other words, insulate the area below and above the plywood flooring burying the plywood flooring in this attic.

Contractor to also:

Build energy Lid per TWFG

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Cellulose, Blown - R-38	SqFt	150	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Attic Insulation - Cellulose, Blown - R-38	SqFt	150	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Miscellaneous Su	Energy lid for attic access	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:

Sub Total:

Field Notes:

Measure 5 Floor Ins. R-19**Components F1****Inspected****Comment INSULATION**☐**R-19 FLOOR**

Insulate approximately 1050SF of floor with fiberglass batts to equal R-19 floor insulation. Includes labor cost. Contractor's responsibility to seal penetrations in floor before installing insulation. Contractor to install using Resnet Grade 1 Standards. Insulation is installed to maintain permanent contact with the subfloor above (paper side against subfloor) including necessary supports (e.g. staves for blankets). Insulation to have NO gaps, voids, or compressions. Refer to Appendix A-Standards for Weatherization Materials and Tennessee Field Guide.

To include sealing of band in crawl space area. This seal is a air seal to be preformed where the floor joist band meets the subfloor from the crawl space area.

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Floor Insulation - Fiberglass Faced Batt - R-19	SqFt	1050	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Floor Insulation - Fiberglass Faced Batt - R-19	SqFt	1050	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Miscellaneous Su	Air seal crawl space floor band	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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Measure 6 CO Monitor is Needed**Components****Inspected**

Comment Install 2 CO monitors
Must be as per TWFG

☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
10	Unspecified	CO monitor (+)	Each	2					

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:****Measure 7 Practice Lead Safe Weatherization (Walls)****Components****Inspected**

Comment PRACTICE LEAD SAFE WEATHERIZATION
CERTIFIED RRP PROVIDER REQUIRED

☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
10	Unspecified	Misc Material	Each	1					

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

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Measure 8 Smoke Detector is Needed**Components****Inspected****Comment** SMOKE DETECTORS

Install a total of 2 smoke detectors. Must be one of 2 types, hard wired units with 9 volt battery back-up, or units must have tamper resistant long life lithium battery.

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
10	Unspecified	Smoke detector (+)	Each	2					

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total: **Sub Total:** **Field Notes:****Work Order Grand Total:** **Grand Total:**

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